



STRATAG 7C2DV2C1 SUB SEQ LIST.TXT  
SEQUENCE LISTING

<110> Wigler, Michael H.  
Sorge, Joseph A.

<120> Method for generating libraries of  
antibody genes comprising amplification of diverse antibody  
DNAs and methods for using these libraries for the  
production of diverse antigen combining molecules

<130> STRATAG.7C2DV2C1

<140> Unassigned  
<141> 2003-10-20

<150> US 08/315,269  
<151> 1994-09-29

<150> US 07/919,370  
<151> 1992-07-23

<150> US 07/464,350  
<151> 1990-01-11

<150> US 08/997,195  
<151> 1997-12-23

<150> US 09/439,732  
<151> 1999-11-12

<150> PCT/US91/00209  
<151> 2001-04-26

<160> 7

<170> FastSEQ for Windows Version 4.0

<210> 1  
<211> 313  
<212> DNA  
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<220>  
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<222> (1)...(312)

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Ser Gln Ser Phe Pro Asn Val Phe Pro Leu Val Ser Cys Glu Ser Pro

1	5	10	15	
ctg tct gat aag aat ctg gtg gcc atg ggc tgc cta gcc cgg gac ttc				96
Leu Ser Asp Lys Asn Leu Val Ala Met Gly Cys Leu Ala Arg Asp Phe				
	20	25	30	
ctg ccc agc acc att tcc ttc acc tgg aac tac cag aac aac act gaa				144
Leu Pro Ser Thr Ile Ser Phe Thr Trp Asn Tyr Gln Asn Asn Thr Glu				
	35	40	45	
gtc atc cag ggt atc aga acc ttc cca aca ctg agg aca ggg ggc aag				192
Val Ile Gln Gly Ile Arg Thr Phe Pro Thr Leu Arg Thr Gly Gly Lys				
	50	55	60	
tac cta gcc acc tcg cag gtg ttg ctg tct ccc aag agc atc ctt gaa				240
Tyr Leu Ala Thr Ser Gln Val Leu Leu Ser Pro Lys Ser Ile Leu Glu				
	65	70	75	80
ggc tca gat gaa tac ctg gta tgc aaa atc cac tac gga ggc aaa aac				288
Gly Ser Asp Glu Tyr Leu Val Cys Lys Ile His Tyr Gly Gly Lys Asn				
	85	90	95	
aga gat ctg cat gtg ccc att cca g				313
Arg Asp Leu His Val Pro Ile Pro				
	100			

<210> 2

<211> 104

<212> PRT

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<220>

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<400> 2

Ser Gln Ser Phe Pro Asn Val Phe Pro Leu Val Ser Cys Glu Ser Pro				
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Leu Ser Asp Lys Asn Leu Val Ala Met Gly Cys Leu Ala Arg Asp Phe				
	20	25	30	
Leu Pro Ser Thr Ile Ser Phe Thr Trp Asn Tyr Gln Asn Asn Thr Glu				
	35	40	45	
Val Ile Gln Gly Ile Arg Thr Phe Pro Thr Leu Arg Thr Gly Gly Lys				
	50	55	60	
Tyr Leu Ala Thr Ser Gln Val Leu Leu Ser Pro Lys Ser Ile Leu Glu				
	65	70	75	80
Gly Ser Asp Glu Tyr Leu Val Cys Lys Ile His Tyr Gly Gly Lys Asn				
	85	90	95	
Arg Asp Leu His Val Pro Ile Pro				
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90, 93, 96, 99, 102, 105, 108, 111, 114, 117, 120, 123,  
126, 129, 132, 135, 138, 141, 144, 147, 150, 153, 156, 159,  
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<222> 165, 168, 171, 174, 177, 180, 183, 186, 189, 192, 195, 198,  
201, 204, 207, 210, 213, 216, 219, 222, 225, 228, 231, 234,  
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273, 276, 279, 282, 285, 288, 291, 294, 297, 300, 303  
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aanctngtng cnatngcntg nctngcncgn ganttnctnc cnagnacnat ntcentnacn 120  
tgnaantanc anaanaanac ngangtnatn canggnatna gnacnttnc nacnctnagn 180  
acnggnggna antanctngc nacntncan gtnttntctnt cncnaanag natnctngan 240  
ggntcngang antanctngt ntgnaanatn cantanggng gnaanaanag nganctncan 300  
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<400> 5  
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24

<210> 6  
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<220>  
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 80, 83-85, 88-92, 95-98, 100, 103  
 <223> Xaa = Amino Acid

<220>  
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<400> 7  
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 Leu Ser Xaa Xaa Xaa Leu Val Ala Xaa Gly Xaa Leu Ala Arg Xaa Xaa  
 20 25 30  
 Leu Pro Xaa Thr Xaa Ser Xaa Thr Xaa Xaa Xaa Xaa Xaa Xaa Thr Xaa  
 35 40 45  
 Val Xaa Xaa Gly Xaa Xaa Thr Xaa Pro Thr Leu Xaa Thr Gly Gly Xaa  
 50 55 60  
 Xaa Leu Ala Thr Ser Xaa Val Xaa Leu Ser Pro Xaa Xaa Xaa Leu Xaa  
 65 70 75 80  
 Gly Ser Xaa Xaa Xaa Leu Val Xaa Xaa Xaa Xaa Xaa Gly Gly Xaa Xaa  
 85 90 95  
 Xaa Xaa Leu Xaa Val Pro Xaa Pro  
 100